CORAL-LS

Hand-held Thermal Imaging Camera/Sight for Ground Laser Designators with 1.06µm “See-Spot” Capability

Selected by the USMC

AN/PAS-25

Main Advantages & Features

- Based on the field-proven CORAL
- Extended range performance
- Long-range 1.06µm “See-Spot” capability
- Matches all Elop GLD models (PAL, PLLD, PLDR, Serpent)
- Adaptable to other legacy GLDs
- GLD data appears on CORAL-LS display
- Enables uncompromised 24/7 GLD operational capability
- Lightweight and compact
- Advanced InSb FPA detector
- Low acoustic noise

Applications

- Thermal night sight for ground laser designators
- Thermal camera for FAC and forward observer applications

Elbit Systems
Electro-optics - Elop

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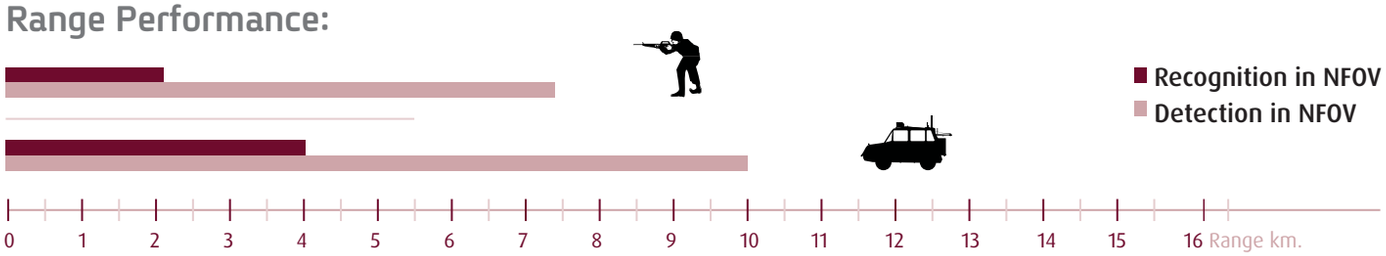
Option

Add-on laser pointer

Technical Data

Spectral band	3-5µm and 1.06µm
Entrance aperture	80 mm
Fields of view:	
Narrow	1.5º x 1.1º
Wide	5.0º x 3.7º
E-zoom	Continuous x1 to x4
Detector:	
Type	InSb FPA
No. of elements	320 x 256
Cooler	Stirling closed cycle, integral with dewar
Video signal	CCIR or RS170
Display	Miniature, high-resolution OLED
Viewer	Binocular, adjustable
Power source options	Disposable battery, rechargeable battery or external AC/DC or DC/DC power source (via adapter)
System weight	3.6 kg (including battery)
Environmental conditions	IAW MIL-STD-810F
Operating temperature	-30ºC to + 55ºC

Range Performance:



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